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DOCKET NO.: 19603/3461 (CRF D-2659A) A  
EXPRESS MAIL NO.: EL709323427US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL FORM  
(*only for new nonprovisional applications under 37 CFR 1.53(b)*)

10/01/90  
19603 U.S. PRO

10/01/90 19603 U.S. PRO  
08/10/01

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231  
BOX: PATENT APPLICATION

SIR:

Transmitted herewith for filing is the patent application (including Specification, Claims, Sequence Listing (if applicable) and Abstract, 29 pages) of:

Inventor(s): **Gary E. Harman**

For : **PROMOTING DEEPER ROOT DEVELOPMENT, REDUCING NITROGEN FERTILIZER USAGE, IMPARTING DROUGHT RESISTANCE, AND INCREASING TOLERANCE TO ADVERSE SOIL CONDITIONS IN PLANTS**

*\*\*If a CONTINUING APPLICATION, please mark where appropriate and supply the requisite information below and in a preliminary amendment:*

Continuation  Divisional  Continuation-In-Part (CIP)  
of prior application Serial No. \_\_\_\_\_

Prior application information: Examiner :  
Art Unit :

Enclosed are:

- 11 sheets of formal drawings.
- Signed Combined Declaration and Power of Attorney (\_\_\_\_ pages).
- Copy of signed Combined Declaration and Power of Attorney (\_\_\_\_ pages) from a prior application (1.63(d)) (for continuation/divisional).
- Signed statement deleting inventor(s) named in prior application (\_\_\_\_ pages) (1.63(d)(2) and 1.33(b)).
- Incorporation By Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the enclosed application and is hereby incorporated by reference therein.
- Assignment (\_\_\_\_ pages) of the invention to \_\_\_\_\_.
- Assignment Transmittal Letter.
- Certified copy of a foreign priority document.
- Associate power of attorney.
- Applicant claims small entity status. (See 37 CFR 1.27.)

- Preliminary Amendment (\_\_\_\_ pages).
- Information Disclosure Statement, form PTO-1449 (\_\_\_\_ pages) and \_\_\_\_ references.
- UNSIGNED** Combined Declaration and Power of Attorney (2 pages).
- Statement in Accordance with 37 CFR § 1.821(f) and computer readable 3.5" Diskette.
- A self-addressed, prepaid postcard acknowledging receipt.
- Other:

The Filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE	XXXXXXX	XXXXXXX
TOTAL CLAIMS	19 - 20 =	0
INDEP CLAIMS	4 - 3 =	1
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the Total Claims are less than 20 and Indep. Claims are less than 3, enter "0" in Col. 2

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x135 =	\$ 0
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OR	RATE
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x 18 =	\$
X80 =	\$
x270 =	\$
OR	TOTAL
	\$

- A check in the amount of **\$395.00** to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1138. **A duplicate copy of this sheet is enclosed.**
- Address all future communications to:

Michael L. Goldman, Esq.  
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Date: August 10, 2001



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EXPRESS MAIL CERTIFICATE

DOCKET NO. : **19603/3461 (CRF D-2659A)**

APPLICANT : **Gary E. Harman**

TITLE : **PROMOTING DEEPER ROOT DEVELOPMENT, REDUCING NITROGEN FERTILIZER USAGE, IMPARTING DROUGHT RESISTANCE, AND INCREASING TOLERANCE TO ADVERSE SOIL CONDITIONS IN PLANTS**

Certificate is attached to the **Utility Patent Application Transmittal Form (2 pages)** of the above-named application.

“EXPRESS MAIL” NUMBER: **EL709323427US**

DATE OF DEPOSIT: **August 10, 2001**

I hereby certify that this paper or fee is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, **Box Patent Application**.

**Suzanne Ciaio**  
(Typed or printed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

EXpress MAIL CERTIFICATE

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Certificate is attached to the **Formal Drawings (11 pages)** of the above-named application.

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**Suzanne Ciaio**

(Typed or printed name of person mailing paper or fee)



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**Suzanne Ciaio**

(Typed or printed name of person mailing paper or fee)

*Suzanne Ciaio*

(Signature of person mailing paper or fee)